

Configuration de docuteam packer

docuteam packer est livré avec un exécutable spécifique aux principaux systèmes d'exploitation, mais celui-ci peut également être lancé en ligne de commande:

```
cd docuteam packer.app\Contents\docuteam packer; java -jar DocuteamPacker.jar
```

Les paramètres optionnels suivants sont supportés :

- configDir <arg> (optionel) Répertoire des fichiers de configuration (défaut: ./config)
- help (optionel) Affichage de l'aide
- open <arg> (optionel) Le SIP indiqué est chargé et affiché dès le lancement

Fichiers de configuration

docuteam packer peut être configuré manuellement principalement au moyen des fichiers textuels de configuration suivants:

- config/docuteamPacker.properties
- config/levels.xml
- config/charConversionMap.properties
- config/fileNameNormalizer.properties

Ci-dessous, dans [docuteamPacker.properties](#) on présente un exemple de paramétrage des fonctionnalités, les dossiers par défaut et l'apparence de packer.

Ci-dessous, dans [levels.xml](#) on présente un exemple de paramétrage des niveaux de description, de la logique hiérarchique, ainsi que de leurs icônes et métadonnées. Ci-dessous, dans [fileNameNormalizer.properties](#) on présente un exemple de paramétrage pour le processus de normalisation des noms de fichiers.

Ci-dessous, dans [charConversionMap.properties](#) on présente un exemple de la table de conversion des caractères spéciaux utilisée pour le normalisation automatique des noms de fichiers.

config/docuteamPacker.properties

Exemple

```
#####  
# docuteam packer properties #  
#####  
  
# Display language (if undefined or empty, use the OS language):  
docuteamPacker.displayLanguage = fr  
  
# The default data directory, used for "Insert" and "New" (if undefined or
```

```
empty, use SIPDir):
# NOTE: Environment variables can be referenced by embedding them between
"${}" and "${}", e.g. "${HOMEPATH}/Desktop"
docuteamPacker.dataDir.Win = ../../../../data
docuteamPacker.dataDir.OSX = ../../../../data
docuteamPacker.dataDir.Linux = ../../../../data

# The default SIP directory, used for "Save as", "Open", and "New" (if
undefined or empty, use user home):
# NOTE: Environment variables can be referenced by embedding them between
"${}" and "${}", e.g. "${HOMEPATH}/Desktop"
docuteamPacker.SIPDir.Win = ../../../../workbench/0_preparation
docuteamPacker.SIPDir.OSX = ../../../../workbench/0_preparation
docuteamPacker.SIPDir.Linux = ../../../../workbench/0_preparation

# The backup directory, used when saving SIPs (if undefined or empty, use
SIPDir):
# NOTE: Environment variables can be referenced by embedding them between
"${}" and "${}", e.g. "${HOMEPATH}/Desktop"
docuteamPacker.backupDir.Win = ../../../../workbench/0_preparation/backup
docuteamPacker.backupDir.OSX = ../../../../workbench/0_preparation/backup
docuteamPacker.backupDir.Linux = ../../../../workbench/0_preparation/backup

# The directory the templates are stored in and retrieved from (if undefined
or empty, use SIPDir):
# NOTE: Environment variables can be referenced by embedding them between
"${}" and "${}", e.g. "${HOMEPATH}/Desktop"
docuteamPacker.templateDir.Win = ../../../../workbench/0_templates/
docuteamPacker.templateDir.OSX = ../../../../workbench/0_templates
docuteamPacker.templateDir.Linux = ../../../../workbench/0_templates

# The directory the export templates (xsl) are stored in and retrieved from
(if undefined or empty, use "./templates/exports"):
# NOTE: Environment variables can be referenced by embedding them between
"${}" and "${}", e.g. "${HOMEPATH}/Desktop"
docuteamPacker.exportsDir.Win = ./templates/exports
docuteamPacker.exportsDir.OSX = ./templates/exports
docuteamPacker.exportsDir.Linux = ./templates/exports

# The directory the report templates (xsl) are stored in and retrieved from
(if undefined or empty, use "./templates/reports"):
# NOTE: Environment variables can be referenced by embedding them between
"${}" and "${}", e.g. "${HOMEPATH}/Desktop"
docuteamPacker.reportsDir.Win = ./templates/reports
docuteamPacker.reportsDir.OSX = ./templates/reports
docuteamPacker.reportsDir.Linux = ./templates/reports

# The report destination directory (if undefined or empty, uses
"${HOMEPATH}/Desktop"):
# NOTE: Environment variables can be referenced by embedding them between
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"${" and "}", e.g. "${HOMEPATH}/Desktop"
# docuteamPacker.reportsDestinationDir.Win =
# docuteamPacker.reportsDestinationDir.OSX =
# docuteamPacker.reportsDestinationDir.Linux =

# The temp-folder for temporary files can be set here (if undefined or
empty, use the folder "DocuteamPacker" in the java temp dir
(System.getProperty("java.io.tmpdir"))):
# NOTE: Environment variables can be referenced by embedding them between
"${" and "}", e.g. "${HOMEPATH}/Desktop"
# docuteamPacker.tempDir.Win =
# docuteamPacker.tempDir.OSX =
# docuteamPacker.tempDir.Linux =

# For the submission process: The class name of the AIPCreator (if undefined
or empty, don't use):
docuteamPacker.AIPCreator.className =
ch.docuteam.darc.ingest.AIPCreatorBasic

# For the submission process: The directory where to copy the submitted SIPs
to (= ingest drop folder) (if undefined or empty, don't use):
# NOTE: Environment variables can be referenced by embedding them between
"${" and "}", e.g. "${HOMEPATH}/Desktop"
AIPCreator.ingestSubmitDir.Win = ../../../../workbench/1_inbox
AIPCreator.ingestSubmitDir.OSX = ../../../../workbench/1_inbox
AIPCreator.ingestSubmitDir.Linux = ../../../../workbench/1_inbox

# When true (case doesn't matter), the source files for a new SIP are
deleted after the SIP creation; defaults to "false"
# docuteamPacker.newSIPDeleteSourcesByDefault = false

# When true (case doesn't matter), the default format of a new SIP is a
zipped archive; otherwise it is a folder (undefined = true):
docuteamPacker.newSIPDefaultsToZipped = false

# When true (case doesn't matter), the default migration action will be set
to keep the original file together with the selected migrated file;
otherwise it will replace the original file (undefined = true):
docuteamPacker.migrateFileKeepOriginal = true

# When true (case doesn't matter), create a backup on every save; otherwise
not (undefined = true):
# docuteamPacker.versioning = false

# When docuteamPacker.versioning = true, set here the max. number of
backups. Exceeding backups will be deleted (if undefined or empty, use
default = 10)
docuteamPacker.versioning.keepBackupsCount = 3

# When true (case doesn't matter), the docuteam packer screen opens in full
screen mode; otherwise use screen size and position as specified below
```

```
(default = false):
# docuteamPacker.openFullScreen = true

# When openFullScreen is not true, these values denote the docuteam packer
screen size on startup (if undefined, take 1000 x 700):
# docuteamPacker.screenSize.x = 1200
# docuteamPacker.screenSize.y = 1000

# When openFullScreen is not true, these values denote the docuteam packer
screen position on startup (if undefined, center on screen):
# docuteamPacker.screenPos.x = 100
# docuteamPacker.screenPos.y = 100

# When true (case doesn't matter), use system look-and-feel; otherwise use
cross-platform = "Metal" (undefined = true):
# docuteamPacker.useSystemLookAndFeel = false

# Set the default digest algorithm to calculate file checksums (valid
values: CRC-32, MD5, SHA-1, SHA-256, SHA-512)
# docuteamPacker.defaultChecksumAlgorithm = MD5

# If DROID should use configuration files other than the default, give the
paths here:
# docuteamPacker.droid.signatureFile = ./config/DROID_SignatureFile_V90.xml
# docuteamPacker.droid.containerFile = ./config/container-
signature-20170330.xml
# docuteamPacker.droid.extensionUsage = 0

# When true, retrieve the current SAs from the server (from URL below) on
startup; otherwise don't (undefined = false):
# docuteamPacker.SA.getSAsFromServerOnStartup = true

# The URL of the SA editor application (webjaxe):
# docuteamPacker.SA.BASE.URL =

# The complete file path to the OOO application ("OpenOffice.org" or
"OpenOffice.org 3") (if undefined or empty, use the internal OOO
application;
# if undefined or empty AND the internal OOO application doesn't exist,
assume that no OOO application shall be used):
docuteamPacker.OOConverter.path.Win = C:/apps/LibreOffice5
# docuteamPacker.OOConverter.path.OSX = /Applications/LibreOffice.app
# docuteamPacker.OOConverter.path.Linux =

# The number of initialization retries for the OOConverter (if empty,
undefined, negative, or 0, use the default number, which is 10):
# docuteamPacker.OOConverter.initializationRetries = 30

# The number of files to cache for the file preview (if undefined or empty,
use the default cache size, which is 100):
```

```
# docuteamPacker.filePreviewer.cacheSizeLimit = 10

# When true, the SystemOutView opens when output occurs; otherwise not
(undefined = true):
# docuteamPacker.openSystemOutViewOnOutput = false

# When true, expand all nodes in tree of SIPView (if undefined or empty, use
false as default)
# docuteamPacker.SIPView.TreeExpandAll = true

# When a value between 1 and 3 is given, the appropriate tab in SIPView is
automatically set (if undefined or empty, 1 is assumed)
# docuteamPacker.SIPView.DefaultTab = 1

# Actions not visible: comma-separated list of actionIDs (referring to the
actions' instance variable names in SIPView)
# docuteamPacker.actionsNotVisible =
deleteItemDontAskAction,deleteItemAction

# For developers (undefined = false):
# docuteamPacker.isDevMode = true
```

Explications

Pour les valeurs „true“, „false“ ou „fr“, l'utilisation de majuscules ne joue aucun rôle. Autrement dit, „true“ équivaut à „TRUE“, „True“ ou même „tRuE“.

Variable	Valeur (Exemple)	Explication	Si vide ou non-identifié
displayLanguage	fr	La langue utilisée dans l'interface utilisateur de packer. Trois valeurs sont définies pour le moment: (de = deutsch, en = englisch, fr = français). Au cas ou une autre langue est utilisée, l'interface allemande est affichée	La langue du système d'exploitation. Si celle-ci n'est ni „de“, „en“ ou „fr“, packer est affiché en allemand.
dataDir	C:/Data/RawData	Ce répertoire est affiché par défaut au moment d'ajouter des données ou des dossiers dans le SIP.	Le répertoire 'home' de l'utilisateur actuellement authentifié.

Variable	Valeur (Exemple)	Explication	Si vide ou non-identifié
SIPDir	C:/Data/SIP	Ce répertoire est affiché par défaut à la création, l'ouverture et la sauvegarde d'un SIP.	Le répertoire home de l'utilisateur actuel.
backupDir	C:/Data/Backups	Ce répertoire est utilisé pour stocker les sauvegardes automatiques.	Le répertoire spécifié pour la variable <SIPDir>.
templateDir	C:/Data/Templates	Le répertoire d'où packer tire les modèles de SIP qui sont affichés.	Le répertoire spécifié pour la variable <SIPDir>.
exportsDir	C:/Data/Templates/exports	Le répertoire d'où packer tire les modèles d'export (xsl) qui sont affichés.	Le répertoire spécifié pour la variable <SIPDir>.
reportsDir	C:/Data/Templates/reports	Le répertoire d'où packer tire les modèles de rapport (xsl) qui sont affichés.	Le répertoire spécifié pour la variable <SIPDir>.
tempDir	C:/Data/Temp	Le répertoire contenant les fichiers temporaires	Le répertoire temporaire du système d'exploitation est utilisé.
AIPCreator.classname	ch.docuteam.darc.ingest.AIPCreatorBasic	Pour le processus de dépôt: la classe utilisée pour créer un AIP sur la base du SIP déposé.	N'est pas utilisé.
ingestSubmitDir	C:/Data/Submit	Pour le processus de dépôt: répertoire où le SIP doit être déposé pour que le processus de dépôt soit déclenché (= submission hot folder)	N'est pas utilisé. La génération d'AIP n'est pas possible.
newSIPDeleteSourcesByDefault	true	Lorsque true, les fichiers sources, sont supprimés après avoir servis de base au SIP.	Si absente, considéré comme 'false'.
newSIPDefaultsToZipped	true	Lorsque true, à la création d'un nouveau SIP l'option de compression „ZIP“ est activée par défaut. Si false, ce n'est pas le cas par défaut.	Si absente, considéré comme 'true'.

Variable	Valeur (Exemple)	Explication	Si vide ou non-identifié
migrateFileKeepOriginal	true	Si vrai, le format migré est conservé avec la version originale. Si faux, la version originale est remplacée.	Si absente, considéré comme 'true'.
versioning	true	Lorsque true, à chaque enregistrement du SIP la version précédente conservée intégralement dans le dossier <backupDir>. Lorsque false, aucun version antérieure du SIP n'est conservée. Ce qui veut dire que la version en cours d'édition du SIP est simplement remplacée par la version modifiée.	Si absente, considéré comme 'true'.
versioning.keepBackupsCount	15	Nombre maximal de versions antérieures du SIP conservées. Une fois ce nombre atteint, la version la plus ancienne est systématiquement effacée.	10
openFullScreen	false	Lorsque true, la fenêtre d'édition du SIP occupe tout l'écran à l'ouverture. Lorsque false, ce sont les valeurs <screenSize.x> et <screenSize.y> qui s'appliquent.	Si absente, est considérée comme 'false'.
screenSize.x screenSize.y	1200 1000	Tailles de la fenêtre d'édition du SIP en pixels. Valeurs ignorées lorsque <openFullScreen> = true	1000×700 pixels
screenPos.x screenPos.y	500 500	Position de la fenêtre d'édition du SIP à l'ouverture. Valeurs ignorées lorsque <openFullScreen> = true	Centré

Variable	Valeur (Exemple)	Explication	Si vide ou non-identifié
useSystemLookAndFeel	false	Lorsque true, l'apparence de packer est adaptée à celle du système d'exploitation. Lorsque false, c'est l'apparence générique qui est affichée	Si absente, considéré comme 'false'.
defaultChecksumAlgorithm	MD5	Fonction de hachage cryptographique utilisée pour calculer la somme de contrôle. Valeurs supportées (CRC-32, MD5, SHA-1, SHA-256, SHA-512).	
droid.signatureFile droid.containerFile droid.extensionUsage		Si DROID devait utiliser d'autres fichiers de configuration que ceux par défaut, indiquer les valeurs ici.	
SA.getSAsFromServerOnStartup	true	Lorsque true, packer récupère la SAs (Submission Agreement) du serveur à l'adresse indiquée par <SA.BASE.URL>	Si absente, considérée comme false.
SA.BASE.URL		L'URL de l'éditeur de SAs (webjaxe)	
OOConverter.path	C:/apps/LibreOffice5	Le répertoire où se trouve l'application LibreOffice. Celle-ci est utilisée pour la prévisualisation de certains formats de fichiers bureautiques	En cas d'absence, certaines prévisualisations de sont pas possibles.
OOConverter.initializationRetries	30	Le nombre d'essai lors d'initialisation de LibreOffice. Nécessaire à la prévisualisation de certains formats.	10

Variable	Valeur (Exemple)	Explication	Si vide ou non-identifié
filePreviewer.cacheSizeLimit	20	Taille du cache pour la prévisualisation des fichiers. Plus celle-ci est haute, plus packer conserve de prévisualisation en mémoire	100
openSystemOutViewOnOutput	true	Lorsque true, dans le cas d'une erreur dans l'exécution du code, la fenêtre d'affichage détaillée des messages d'erreur s'ouvre automatiquement.	Si absent, considérée comme true.
SIPView.TreeExpandAll	true	Lorsque true, tous les nœuds de la structure du SIP sont déployés dans l'arborescence visuelle.	Si absente, considérée comme false.
SIPView.DefaultTab	1	Pour une valeur entre 1 et 3, l'onglet correspondant est ouvert par défaut dans la fenêtre d'édition du SIP	Si absente, considérée comme 1.
actionsNotVisible	deleteItemDontAskAction,deleteItemAction	Liste des actions (séparées par virgule) qui ne sont pas affichées dans l'interface de packer. Fait référence aux noms des variables d'instance des actions dans SIPView	Si absente, n'est pas prise en compte.
isDevMode	false	Mode développement	Si absente, considérée comme false.

config/levels.xml

Exemple

```
<?xml version="1.0" encoding="UTF-8"?>
<LEVELS:Config
  xmlns:LEVELS="http://www.docuteam.ch/xmlns/levels"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
```

```
xsi:schemaLocation="http://www.docuteam.ch/xmlns/levels
levels.xsd">

  <LEVELS:MetadataElements>
    <LEVELS:AllowedValuesSeparator>;</LEVELS:AllowedValuesSeparator>
    <LEVELS:MetadataElement
accessorNameID="accessRestrictionStatus"
allowedValues="file:///config/skos/SKOS_R_gles_de_communicabilit__2018-07-13
_15_45_30.rdf"/>
    <LEVELS:MetadataElement
accessorNameID="accessRestrictionPeriodBaseYear"
validatorClassName="ch.docuteam.darc.mdconfig.MetadataElementValidatorDate"/
>
    <LEVELS:MetadataElement
accessorNameID="appraisalAndDestruction"
allowedValues='Keep;Destroy' />
    <LEVELS:MetadataElement
accessorNameID="retentionPolicy"
allowedValues="file:///config/skos/SKOS_R_gles_de_dur_e_d_utilit_administrat
ive_2018-06-07_11_21_18.rdf"/>
    <LEVELS:MetadataElement
accessorNameID="retentionPeriodBaseYear"
validatorClassName="ch.docuteam.darc.mdconfig.MetadataElementValidatorDate"/
>
    <LEVELS:MetadataElement
accessorNameID="archivalHistory"/>
    <LEVELS:MetadataElement
accessorNameID="scopeContent"/>
    <LEVELS:MetadataElement
accessorNameID="from"
validatorClassName="ch.docuteam.darc.mdconfig.MetadataElementValidatorDate"
defaultExpression='new java.text.SimpleDateFormat("yyyy-MM-
dd").format(object1.getFile().lastModified())' />
    <LEVELS:MetadataElement
accessorNameID="to"
validatorClassName="ch.docuteam.darc.mdconfig.MetadataElementValidatorDate"/
>
    <LEVELS:MetadataElement
accessorNameID="institution"/>
    <LEVELS:MetadataElement
accessorNameID="familyName"/>
    <LEVELS:MetadataElement
accessorNameID="function"/>
    <LEVELS:MetadataElement
accessorNameID="objectType"
allowedValues="file:///config/skos/Liste_d_autorite_Typologie_documentaire_p
our_l_indexation_des_archives_locales.rdf"/>
    <LEVELS:MetadataElement
accessorNameID="geogName"/>
    <LEVELS:MetadataElement
accessorNameID="keyword"/>
    <LEVELS:MetadataElement
```

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accessorNameID="occupation"/>
  <LEVELS:MetadataElement
accessorNameID="creator"/>
  <LEVELS:MetadataElement
accessorNameID="subjectGeneral"
allowedValues="file:///config/skos/Thesaurus_matières_pour_l_indexation_des_
archives_locales.rdf"/>
  <LEVELS:MetadataElement
accessorNameID="language"
allowedValues="file:///config/skos/SKOS_Langues_restraint_2018-06-13_11_34_2
9.rdf"/>
  <LEVELS:MetadataElement
accessorNameID="originationAgency"/>
  <LEVELS:MetadataElement
accessorNameID="sourceType"
defaultExpression=' "CD0" ' />
</LEVELS:MetadataElements>

<LEVELS:Levels>
  <!-- NOTE: The 1st element in this list always has to be the
"undefined" level! -->
  <LEVELS:Level nameID="Package"
iconFileName="images/LevelUndefined.png"
allowedSublevelNameRefs="File Fonds Series RecordGrp Item Restitution
Trash">
    <LEVELS:LevelMetadataElement
accessorNameRef="accessRestrictionStatus"
isMandatory="false"
isRepeatable="false" isAlwaysDisplayed="true"/>
    <LEVELS:LevelMetadataElement
accessorNameRef="accessRestrictionPeriodBaseYear"
isMandatory="false"
isRepeatable="false" isAlwaysDisplayed="true"/>
  </LEVELS:Level>
  <LEVELS:Level nameID="Fonds" iconFileName="images/Level0.png"
allowedSublevelNameRefs="Subfonds Series RecordGrp File Item Restitution
Trash">
    <LEVELS:LevelMetadataElement
accessorNameRef="accessRestrictionStatus"
isMandatory="false"
isRepeatable="false" isAlwaysDisplayed="true"/>
    <LEVELS:LevelMetadataElement
accessorNameRef="accessRestrictionPeriodBaseYear"
isMandatory="false"
isRepeatable="false" isAlwaysDisplayed="true"/>
    <LEVELS:LevelMetadataElement
accessorNameRef="appraisalAndDestruction"
isMandatory="false"
isRepeatable="false" isAlwaysDisplayed="true"/>
    <LEVELS:LevelMetadataElement
accessorNameRef="retentionPolicy"
isMandatory="false"
isRepeatable="false" isAlwaysDisplayed="true"/>
    <LEVELS:LevelMetadataElement
accessorNameRef="retentionPeriodBaseYear"
isMandatory="false"
isRepeatable="false" isAlwaysDisplayed="true"/>
    <LEVELS:LevelMetadataElement
accessorNameRef="archivalHistory"
isMandatory="false"

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isRepeatable="false"      isAlwaysDisplayed="true"/>
  <LEVELS:LevelMetadataElement
accessorNameRef="scopeContent"      isMandatory="false"
isRepeatable="false"      isAlwaysDisplayed="true"/>
  <LEVELS:LevelMetadataElement      accessorNameRef="from"
isMandatory="false"      isRepeatable="false"      isAlwaysDisplayed="true"/>
  <LEVELS:LevelMetadataElement      accessorNameRef="to"
isMandatory="false"      isRepeatable="false"      isAlwaysDisplayed="true"/>
  <LEVELS:LevelMetadataElement
accessorNameRef="institution"      isMandatory="false"
isRepeatable="false"      isAlwaysDisplayed="true"/>
  <LEVELS:LevelMetadataElement      accessorNameRef="familyName"
isMandatory="false"      isRepeatable="false"      isAlwaysDisplayed="true"/>
  <LEVELS:LevelMetadataElement      accessorNameRef="function"
isMandatory="false"      isRepeatable="false"      isAlwaysDisplayed="true"/>
  <LEVELS:LevelMetadataElement      accessorNameRef="objectType"
isMandatory="false"      isRepeatable="false"      isAlwaysDisplayed="true"/>
  <LEVELS:LevelMetadataElement      accessorNameRef="geogName"
isMandatory="false"      isRepeatable="false"      isAlwaysDisplayed="true"/>
  <LEVELS:LevelMetadataElement      accessorNameRef="keyword"
isMandatory="false"      isRepeatable="true"      isAlwaysDisplayed="true"/>
  <LEVELS:LevelMetadataElement      accessorNameRef="occupation"
isMandatory="false"      isRepeatable="false"      isAlwaysDisplayed="true"/>
  <LEVELS:LevelMetadataElement      accessorNameRef="creator"
isMandatory="false"      isRepeatable="false"      isAlwaysDisplayed="true"/>
  <LEVELS:LevelMetadataElement
accessorNameRef="subjectGeneral"      isMandatory="false"
isRepeatable="false"      isAlwaysDisplayed="true"/>
  <LEVELS:LevelMetadataElement      accessorNameRef="language"
isMandatory="false"      isRepeatable="false"      isAlwaysDisplayed="true"/>
  <LEVELS:LevelMetadataElement
accessorNameRef="originationAgency"      isMandatory="false"
isRepeatable="false"      isAlwaysDisplayed="true"/>
  <LEVELS:LevelMetadataElement      accessorNameRef="sourceType"
isMandatory="true"      isRepeatable="false"      isAlwaysDisplayed="true"
isReadOnly="true"/>
  </LEVELS:Level>
  <LEVELS:Level nameID="Subfonds"
iconFileName="images/Level1.png"
allowedSublevelNameRefs="Subfonds Series RecordGrp File Item Restitution
Trash">
  <LEVELS:LevelMetadataElement
accessorNameRef="accessRestrictionStatus"      isMandatory="false"
isRepeatable="false"      isAlwaysDisplayed="true"/>
  <LEVELS:LevelMetadataElement
accessorNameRef="accessRestrictionPeriodBaseYear"      isMandatory="false"
isRepeatable="false"      isAlwaysDisplayed="true"/>
  <LEVELS:LevelMetadataElement
accessorNameRef="appraisalAndDestruction"      isMandatory="false"
isRepeatable="false"      isAlwaysDisplayed="true"/>
```

```

        <LEVELS:LevelMetadataElement
accessorNameRef="retentionPolicy"                                isMandatory="false"
isRepeatable="false"      isAlwaysDisplayed="true"/>
        <LEVELS:LevelMetadataElement
accessorNameRef="retentionPeriodBaseYear"                        isMandatory="false"
isRepeatable="false"      isAlwaysDisplayed="true"/>
        <LEVELS:LevelMetadataElement
accessorNameRef="archivalHistory"                                isMandatory="false"
isRepeatable="false"      isAlwaysDisplayed="true"/>
        <LEVELS:LevelMetadataElement
accessorNameRef="scopeContent"
isMandatory="false"      isRepeatable="false"      isAlwaysDisplayed="true"/>
        <LEVELS:LevelMetadataElement
isMandatory="false"      isRepeatable="false"      isAlwaysDisplayed="true"/>
        <LEVELS:LevelMetadataElement
isMandatory="false"      isRepeatable="false"      isAlwaysDisplayed="true"/>
        <LEVELS:LevelMetadataElement
accessorNameRef="institution"                                    isMandatory="false"
isRepeatable="false"      isAlwaysDisplayed="true"/>
        <LEVELS:LevelMetadataElement
isMandatory="false"      isRepeatable="false"      accessorNameRef="familyName"
isAlwaysDisplayed="true"/>
        <LEVELS:LevelMetadataElement
isMandatory="false"      isRepeatable="false"      accessorNameRef="function"
isAlwaysDisplayed="true"/>
        <LEVELS:LevelMetadataElement
isMandatory="false"      isRepeatable="false"      accessorNameRef="objectType"
isAlwaysDisplayed="true"/>
        <LEVELS:LevelMetadataElement
isMandatory="false"      isRepeatable="false"      accessorNameRef="geogName"
isAlwaysDisplayed="true"/>
        <LEVELS:LevelMetadataElement
isMandatory="false"      isRepeatable="false"      accessorNameRef="keyword"
isAlwaysDisplayed="true"/>
        <LEVELS:LevelMetadataElement
isMandatory="false"      isRepeatable="true"      accessorNameRef="occupation"
isAlwaysDisplayed="true"/>
        <LEVELS:LevelMetadataElement
isMandatory="false"      isRepeatable="false"      accessorNameRef="creator"
isAlwaysDisplayed="true"/>
        <LEVELS:LevelMetadataElement
accessorNameRef="subjectGeneral"                                isMandatory="false"
isRepeatable="false"      isAlwaysDisplayed="true"/>
        <LEVELS:LevelMetadataElement
isMandatory="false"      isRepeatable="false"      accessorNameRef="language"
isAlwaysDisplayed="true"/>
        <LEVELS:LevelMetadataElement
accessorNameRef="originationAgency"
isMandatory="false"      isRepeatable="false"      isAlwaysDisplayed="true"/>
        <LEVELS:LevelMetadataElement
isMandatory="true"      isRepeatable="false"      accessorNameRef="sourceType"
isAlwaysDisplayed="true"
isReadOnly="true"/>
    </LEVELS:Level>
    <LEVELS:Level nameID="Series"
iconFileName="images/Level4.png"
allowedSublevelNameRefs="Subseries RecordGrp File Item Restitution Trash">
        <LEVELS:LevelMetadataElement
accessorNameRef="accessRestrictionStatus"                        isMandatory="false"
isRepeatable="false"      isAlwaysDisplayed="true"/>

```

```

<LEVELS:LevelMetadataElement
accessorNameRef="accessRestrictionPeriodBaseYear" isMandatory="false"
isRepeatable="false" isAlwaysDisplayed="true"/>
<LEVELS:LevelMetadataElement
accessorNameRef="appraisalAndDestruction" isMandatory="false"
isRepeatable="false" isAlwaysDisplayed="true"/>
<LEVELS:LevelMetadataElement
accessorNameRef="retentionPolicy" isMandatory="false"
isRepeatable="false" isAlwaysDisplayed="true"/>
<LEVELS:LevelMetadataElement
accessorNameRef="retentionPeriodBaseYear" isMandatory="false"
isRepeatable="false" isAlwaysDisplayed="true"/>
<LEVELS:LevelMetadataElement
accessorNameRef="archivalHistory" isMandatory="false"
isRepeatable="false" isAlwaysDisplayed="true"/>
<LEVELS:LevelMetadataElement
accessorNameRef="scopeContent"
isMandatory="false" isRepeatable="false" isAlwaysDisplayed="true"/>
<LEVELS:LevelMetadataElement
isMandatory="false" isRepeatable="false" isAlwaysDisplayed="true"/>
<LEVELS:LevelMetadataElement
isMandatory="false" isRepeatable="false" isAlwaysDisplayed="true"/>
<LEVELS:LevelMetadataElement
accessorNameRef="institution" isMandatory="false"
isRepeatable="false" isAlwaysDisplayed="true"/>
<LEVELS:LevelMetadataElement
isMandatory="false" isRepeatable="false" accessorNameRef="familyName"
isAlwaysDisplayed="true"/>
<LEVELS:LevelMetadataElement
isMandatory="false" isRepeatable="false" accessorNameRef="function"
isAlwaysDisplayed="true"/>
<LEVELS:LevelMetadataElement
isMandatory="false" isRepeatable="false" accessorNameRef="objectType"
isAlwaysDisplayed="true"/>
<LEVELS:LevelMetadataElement
isMandatory="false" isRepeatable="false" accessorNameRef="geogName"
isAlwaysDisplayed="true"/>
<LEVELS:LevelMetadataElement
isMandatory="false" isRepeatable="true" accessorNameRef="keyword"
isAlwaysDisplayed="true"/>
<LEVELS:LevelMetadataElement
isMandatory="false" isRepeatable="false" accessorNameRef="occupation"
isAlwaysDisplayed="true"/>
<LEVELS:LevelMetadataElement
isMandatory="false" isRepeatable="false" accessorNameRef="creator"
isAlwaysDisplayed="true"/>
<LEVELS:LevelMetadataElement
accessorNameRef="subjectGeneral" isMandatory="false"
isRepeatable="false" isAlwaysDisplayed="true"/>
<LEVELS:LevelMetadataElement
isMandatory="false" isRepeatable="false" accessorNameRef="language"
isAlwaysDisplayed="true"/>
<LEVELS:LevelMetadataElement
accessorNameRef="originationAgency"
isMandatory="false" isRepeatable="false" isAlwaysDisplayed="true"/>
<LEVELS:LevelMetadataElement
isMandatory="true" isRepeatable="false" accessorNameRef="sourceType"
isAlwaysDisplayed="true"
isReadOnly="true"/>

```

```

    </LEVELS:Level>
    <LEVELS:Level nameID="Subseries" iconFileName="images/Level5.png"
allowedSublevelNameRefs="RecordGrp File Item Restitution Trash">
        <LEVELS:LevelMetadataElement
accessorNameRef="accessRestrictionStatus" isMandatory="false"
isRepeatable="false" isAlwaysDisplayed="true"/>
        <LEVELS:LevelMetadataElement
accessorNameRef="accessRestrictionPeriodBaseYear" isMandatory="false"
isRepeatable="false" isAlwaysDisplayed="true"/>
        <LEVELS:LevelMetadataElement
accessorNameRef="appraisalAndDestruction" isMandatory="false"
isRepeatable="false" isAlwaysDisplayed="true"/>
        <LEVELS:LevelMetadataElement
accessorNameRef="retentionPolicy" isMandatory="false"
isRepeatable="false" isAlwaysDisplayed="true"/>
        <LEVELS:LevelMetadataElement
accessorNameRef="retentionPeriodBaseYear" isMandatory="false"
isRepeatable="false" isAlwaysDisplayed="true"/>
        <LEVELS:LevelMetadataElement
accessorNameRef="archivalHistory" isMandatory="false"
isRepeatable="false" isAlwaysDisplayed="true"/>
        <LEVELS:LevelMetadataElement
accessorNameRef="scopeContent"
isMandatory="false" isRepeatable="false" isAlwaysDisplayed="true"/>
        <LEVELS:LevelMetadataElement
isMandatory="false" isRepeatable="false" isAlwaysDisplayed="true"/>
        <LEVELS:LevelMetadataElement
isMandatory="false" isRepeatable="false" isAlwaysDisplayed="true"/>
        <LEVELS:LevelMetadataElement
accessorNameRef="institution" isMandatory="false"
isRepeatable="false" isAlwaysDisplayed="true"/>
        <LEVELS:LevelMetadataElement
accessorNameRef="familyName"
isMandatory="false" isRepeatable="false" isAlwaysDisplayed="true"/>
        <LEVELS:LevelMetadataElement
accessorNameRef="function"
isMandatory="false" isRepeatable="false" isAlwaysDisplayed="true"/>
        <LEVELS:LevelMetadataElement
accessorNameRef="objectType"
isMandatory="false" isRepeatable="false" isAlwaysDisplayed="true"/>
        <LEVELS:LevelMetadataElement
accessorNameRef="geogName"
isMandatory="false" isRepeatable="false" isAlwaysDisplayed="true"/>
        <LEVELS:LevelMetadataElement
accessorNameRef="keyword"
isMandatory="false" isRepeatable="true" isAlwaysDisplayed="true"/>
        <LEVELS:LevelMetadataElement
accessorNameRef="occupation"
isMandatory="false" isRepeatable="false" isAlwaysDisplayed="true"/>
        <LEVELS:LevelMetadataElement
accessorNameRef="creator"
isMandatory="false" isRepeatable="false" isAlwaysDisplayed="true"/>
        <LEVELS:LevelMetadataElement
accessorNameRef="subjectGeneral" isMandatory="false"
isRepeatable="false" isAlwaysDisplayed="true"/>
        <LEVELS:LevelMetadataElement
accessorNameRef="language"
isMandatory="false" isRepeatable="false" isAlwaysDisplayed="true"/>
        <LEVELS:LevelMetadataElement

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accessorNameRef="originationAgency"
isMandatory="false"      isRepeatable="false"      isAlwaysDisplayed="true"/>
    <LEVELS:LevelMetadataElement      accessorNameRef="sourceType"
isMandatory="true"      isRepeatable="false"      isAlwaysDisplayed="true"
isReadOnly="true"/>
    </LEVELS:Level>
    <LEVELS:Level nameID="RecordGrp"      iconFileName="images/Level6.png"
allowedSublevelNameRefs="SubGrp File Item Restitution Trash">
    <LEVELS:LevelMetadataElement
accessorNameRef="accessRestrictionStatus"      isMandatory="false"
isRepeatable="false"      isAlwaysDisplayed="true"/>
    <LEVELS:LevelMetadataElement
accessorNameRef="accessRestrictionPeriodBaseYear"      isMandatory="false"
isRepeatable="false"      isAlwaysDisplayed="true"/>
    <LEVELS:LevelMetadataElement
accessorNameRef="appraisalAndDestruction"      isMandatory="false"
isRepeatable="false"      isAlwaysDisplayed="true"/>
    <LEVELS:LevelMetadataElement
accessorNameRef="retentionPolicy"      isMandatory="false"
isRepeatable="false"      isAlwaysDisplayed="true"/>
    <LEVELS:LevelMetadataElement
accessorNameRef="retentionPeriodBaseYear"      isMandatory="false"
isRepeatable="false"      isAlwaysDisplayed="true"/>
    <LEVELS:LevelMetadataElement
accessorNameRef="archivalHistory"      isMandatory="false"
isRepeatable="false"      isAlwaysDisplayed="true"/>
    <LEVELS:LevelMetadataElement
accessorNameRef="scopeContent"
isMandatory="false"      isRepeatable="false"      isAlwaysDisplayed="true"/>
    <LEVELS:LevelMetadataElement      accessorNameRef="from"
isMandatory="false"      isRepeatable="false"      isAlwaysDisplayed="true"/>
    <LEVELS:LevelMetadataElement      accessorNameRef="to"
isMandatory="false"      isRepeatable="false"      isAlwaysDisplayed="true"/>
    <LEVELS:LevelMetadataElement
accessorNameRef="institution"      isMandatory="false"
isRepeatable="false"      isAlwaysDisplayed="true"/>
    <LEVELS:LevelMetadataElement      accessorNameRef="familyName"
isMandatory="false"      isRepeatable="false"      isAlwaysDisplayed="true"/>
    <LEVELS:LevelMetadataElement      accessorNameRef="function"
isMandatory="false"      isRepeatable="false"      isAlwaysDisplayed="true"/>
    <LEVELS:LevelMetadataElement      accessorNameRef="objectType"
isMandatory="false"      isRepeatable="false"      isAlwaysDisplayed="true"/>
    <LEVELS:LevelMetadataElement      accessorNameRef="geogName"
isMandatory="false"      isRepeatable="false"      isAlwaysDisplayed="true"/>
    <LEVELS:LevelMetadataElement      accessorNameRef="keyword"
isMandatory="false"      isRepeatable="true"      isAlwaysDisplayed="true"/>
    <LEVELS:LevelMetadataElement      accessorNameRef="occupation"
isMandatory="false"      isRepeatable="false"      isAlwaysDisplayed="true"/>
    <LEVELS:LevelMetadataElement      accessorNameRef="creator"
isMandatory="false"      isRepeatable="false"      isAlwaysDisplayed="true"/>
```

```

    <LEVELS:LevelMetadataElement
accessorNameRef="subjectGeneral"                                isMandatory="false"
isRepeatable="false"      isAlwaysDisplayed="true"/>
    <LEVELS:LevelMetadataElement      accessorNameRef="language"
isMandatory="false"      isRepeatable="false"      isAlwaysDisplayed="true"/>
    <LEVELS:LevelMetadataElement
accessorNameRef="originationAgency"
isMandatory="false"      isRepeatable="false"      isAlwaysDisplayed="true"/>
    <LEVELS:LevelMetadataElement      accessorNameRef="sourceType"
isMandatory="true"      isRepeatable="false"      isAlwaysDisplayed="true"
isReadOnly="true"/>
    </LEVELS:Level>
    <LEVELS:Level nameID="SubGrp"
iconFileName="images/Level7.png"
allowedSublevelNameRefs="SubGrp File Item Restitution Trash">
    <LEVELS:LevelMetadataElement
accessorNameRef="accessRestrictionStatus"                                isMandatory="false"
isRepeatable="false"      isAlwaysDisplayed="true"/>
    <LEVELS:LevelMetadataElement
accessorNameRef="accessRestrictionPeriodBaseYear"                                isMandatory="false"
isRepeatable="false"      isAlwaysDisplayed="true"/>
    <LEVELS:LevelMetadataElement
accessorNameRef="appraisalAndDestruction"                                isMandatory="false"
isRepeatable="false"      isAlwaysDisplayed="true"/>
    <LEVELS:LevelMetadataElement
accessorNameRef="retentionPolicy"                                isMandatory="false"
isRepeatable="false"      isAlwaysDisplayed="true"/>
    <LEVELS:LevelMetadataElement
accessorNameRef="retentionPeriodBaseYear"                                isMandatory="false"
isRepeatable="false"      isAlwaysDisplayed="true"/>
    <LEVELS:LevelMetadataElement
accessorNameRef="archivalHistory"                                isMandatory="false"
isRepeatable="false"      isAlwaysDisplayed="true"/>
    <LEVELS:LevelMetadataElement
accessorNameRef="scopeContent"
isMandatory="false"      isRepeatable="false"      isAlwaysDisplayed="true"/>
    <LEVELS:LevelMetadataElement      accessorNameRef="from"
isMandatory="false"      isRepeatable="false"      isAlwaysDisplayed="true"/>
    <LEVELS:LevelMetadataElement      accessorNameRef="to"
isMandatory="false"      isRepeatable="false"      isAlwaysDisplayed="true"/>
    <LEVELS:LevelMetadataElement
accessorNameRef="institution"                                isMandatory="false"
isRepeatable="false"      isAlwaysDisplayed="true"/>
    <LEVELS:LevelMetadataElement      accessorNameRef="familyName"
isMandatory="false"      isRepeatable="false"      isAlwaysDisplayed="true"/>
    <LEVELS:LevelMetadataElement      accessorNameRef="function"
isMandatory="false"      isRepeatable="false"      isAlwaysDisplayed="true"/>
    <LEVELS:LevelMetadataElement      accessorNameRef="objectType"
isMandatory="false"      isRepeatable="false"      isAlwaysDisplayed="true"/>
    <LEVELS:LevelMetadataElement      accessorNameRef="geogName"
isMandatory="false"      isRepeatable="false"      isAlwaysDisplayed="true"/>

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```
<LEVELS:LevelMetadataElement      accessorNameRef="keyword"
isMandatory="false"      isRepeatable="true"      isAlwaysDisplayed="true"/>
  <LEVELS:LevelMetadataElement      accessorNameRef="occupation"
isMandatory="false"      isRepeatable="false"      isAlwaysDisplayed="true"/>
    <LEVELS:LevelMetadataElement      accessorNameRef="creator"
isMandatory="false"      isRepeatable="false"      isAlwaysDisplayed="true"/>
      <LEVELS:LevelMetadataElement
accessorNameRef="subjectGeneral"      isMandatory="false"
isRepeatable="false"      isAlwaysDisplayed="true"/>
        <LEVELS:LevelMetadataElement      accessorNameRef="language"
isMandatory="false"      isRepeatable="false"      isAlwaysDisplayed="true"/>
          <LEVELS:LevelMetadataElement
accessorNameRef="originationAgency"
isMandatory="false"      isRepeatable="false"      isAlwaysDisplayed="true"/>
            <LEVELS:LevelMetadataElement      accessorNameRef="sourceType"
isMandatory="true"      isRepeatable="false"      isAlwaysDisplayed="true"
isReadOnly="true"/>
          </LEVELS:Level>
        <LEVELS:Level nameID="File"
iconFileName="images/Level8.png"
allowedSublevelNameRefs="File Item Restitution Trash">
          <LEVELS:LevelMetadataElement
accessorNameRef="accessRestrictionStatus"      isMandatory="false"
isRepeatable="false"      isAlwaysDisplayed="true"/>
            <LEVELS:LevelMetadataElement
accessorNameRef="accessRestrictionPeriodBaseYear"      isMandatory="false"
isRepeatable="false"      isAlwaysDisplayed="true"/>
              <LEVELS:LevelMetadataElement
accessorNameRef="appraisalAndDestruction"      isMandatory="false"
isRepeatable="false"      isAlwaysDisplayed="true"/>
                <LEVELS:LevelMetadataElement
accessorNameRef="retentionPolicy"      isMandatory="false"
isRepeatable="false"      isAlwaysDisplayed="true"/>
                  <LEVELS:LevelMetadataElement
accessorNameRef="retentionPeriodBaseYear"      isMandatory="false"
isRepeatable="false"      isAlwaysDisplayed="true"/>
                    <LEVELS:LevelMetadataElement
accessorNameRef="archivalHistory"      isMandatory="false"
isRepeatable="false"      isAlwaysDisplayed="true"/>
                      <LEVELS:LevelMetadataElement
accessorNameRef="scopeContent"
isMandatory="false"      isRepeatable="false"      isAlwaysDisplayed="true"/>
                        <LEVELS:LevelMetadataElement
isMandatory="false"      isRepeatable="false"      isAlwaysDisplayed="true"/>
                          <LEVELS:LevelMetadataElement
isMandatory="false"      isRepeatable="false"      isAlwaysDisplayed="true"/>
                            <LEVELS:LevelMetadataElement
isMandatory="false"      isRepeatable="false"      isAlwaysDisplayed="true"/>
                              <LEVELS:LevelMetadataElement
accessorNameRef="institution"      isMandatory="false"
isRepeatable="false"      isAlwaysDisplayed="true"/>
                                <LEVELS:LevelMetadataElement      accessorNameRef="familyName"
```

```

isMandatory="false"      isRepeatable="false"      isAlwaysDisplayed="true"/>
    <LEVELS:LevelMetadataElement
isMandatory="false"      isRepeatable="false"      isAlwaysDisplayed="true"/>
    <LEVELS:LevelMetadataElement
isMandatory="false"      isRepeatable="false"      isAlwaysDisplayed="true"/>
    <LEVELS:LevelMetadataElement
isMandatory="false"      isRepeatable="false"      isAlwaysDisplayed="true"/>
    <LEVELS:LevelMetadataElement
isMandatory="false"      isRepeatable="true"        isAlwaysDisplayed="true"/>
    <LEVELS:LevelMetadataElement
isMandatory="false"      isRepeatable="false"      isAlwaysDisplayed="true"/>
    <LEVELS:LevelMetadataElement
isMandatory="false"      isRepeatable="false"      isAlwaysDisplayed="true"/>
    <LEVELS:LevelMetadataElement
accessorNameRef="subjectGeneral"                    isMandatory="false"
isRepeatable="false"      isAlwaysDisplayed="true"/>
    <LEVELS:LevelMetadataElement                    accessorNameRef="language"
isMandatory="false"      isRepeatable="false"      isAlwaysDisplayed="true"/>
    <LEVELS:LevelMetadataElement
accessorNameRef="originationAgency"
isMandatory="false"      isRepeatable="false"      isAlwaysDisplayed="true"/>
    <LEVELS:LevelMetadataElement                    accessorNameRef="sourceType"
isMandatory="true"       isRepeatable="false"      isAlwaysDisplayed="true"
isReadOnly="true"/>
    </LEVELS:Level>
    <LEVELS:Level nameID="Item"
iconFileName="images/Level9.png">
    <LEVELS:LevelMetadataElement
accessorNameRef="accessRestrictionStatus"            isMandatory="false"
isRepeatable="false"      isAlwaysDisplayed="true"/>
    <LEVELS:LevelMetadataElement
accessorNameRef="accessRestrictionPeriodBaseYear"    isMandatory="false"
isRepeatable="false"      isAlwaysDisplayed="true"/>
    <LEVELS:LevelMetadataElement
accessorNameRef="appraisalAndDestruction"            isMandatory="false"
isRepeatable="false"      isAlwaysDisplayed="true"/>
    <LEVELS:LevelMetadataElement
accessorNameRef="retentionPolicy"                    isMandatory="false"
isRepeatable="false"      isAlwaysDisplayed="true"/>
    <LEVELS:LevelMetadataElement
accessorNameRef="retentionPeriodBaseYear"            isMandatory="false"
isRepeatable="false"      isAlwaysDisplayed="true"/>
    <LEVELS:LevelMetadataElement
accessorNameRef="archivalHistory"                    isMandatory="false"
isRepeatable="false"      isAlwaysDisplayed="true"/>
    <LEVELS:LevelMetadataElement
accessorNameRef="scopeContent"
isMandatory="false"      isRepeatable="false"      isAlwaysDisplayed="true"/>
    <LEVELS:LevelMetadataElement                    accessorNameRef="from"
isMandatory="false"      isRepeatable="false"      isAlwaysDisplayed="true"/>
    <LEVELS:LevelMetadataElement                    accessorNameRef="to"

```

```
isMandatory="false"      isRepeatable="false"      isAlwaysDisplayed="true"/>
  <LEVELS:LevelMetadataElement
accessorNameRef="institution"      isMandatory="false"
isRepeatable="false"      isAlwaysDisplayed="true"/>
  <LEVELS:LevelMetadataElement      accessorNameRef="familyName"
isMandatory="false"      isRepeatable="false"      isAlwaysDisplayed="true"/>
  <LEVELS:LevelMetadataElement      accessorNameRef="function"
isMandatory="false"      isRepeatable="false"      isAlwaysDisplayed="true"/>
  <LEVELS:LevelMetadataElement      accessorNameRef="objectType"
isMandatory="false"      isRepeatable="false"      isAlwaysDisplayed="true"/>
  <LEVELS:LevelMetadataElement      accessorNameRef="geogName"
isMandatory="false"      isRepeatable="false"      isAlwaysDisplayed="true"/>
  <LEVELS:LevelMetadataElement      accessorNameRef="keyword"
isMandatory="false"      isRepeatable="true"      isAlwaysDisplayed="true"/>
  <LEVELS:LevelMetadataElement      accessorNameRef="occupation"
isMandatory="false"      isRepeatable="false"      isAlwaysDisplayed="true"/>
  <LEVELS:LevelMetadataElement      accessorNameRef="creator"
isMandatory="false"      isRepeatable="false"      isAlwaysDisplayed="true"/>
  <LEVELS:LevelMetadataElement
accessorNameRef="subjectGeneral"      isMandatory="false"
isRepeatable="false"      isAlwaysDisplayed="true"/>
  <LEVELS:LevelMetadataElement      accessorNameRef="language"
isMandatory="false"      isRepeatable="false"      isAlwaysDisplayed="true"/>
  <LEVELS:LevelMetadataElement
accessorNameRef="originationAgency"
isMandatory="false"      isRepeatable="false"      isAlwaysDisplayed="true"/>
  <LEVELS:LevelMetadataElement      accessorNameRef="sourceType"
isMandatory="true"      isRepeatable="false"      isAlwaysDisplayed="true"
isReadOnly="true"/>
  </LEVELS:Level>
  <LEVELS:Level nameID="Trash"      iconFileName="images/Trash.png"
allowedSublevelNameRefs="Trash"      isTrash="true">
  <LEVELS:LevelMetadataElement
accessorNameRef="accessRestrictionStatus"      isMandatory="false"
isRepeatable="false"      isAlwaysDisplayed="true"/>
  <LEVELS:LevelMetadataElement
accessorNameRef="accessRestrictionPeriodBaseYear"      isMandatory="false"
isRepeatable="false"      isAlwaysDisplayed="true"/>
  <LEVELS:LevelMetadataElement
accessorNameRef="appraisalAndDestruction"      isMandatory="false"
isRepeatable="false"      isAlwaysDisplayed="true"/>
  <LEVELS:LevelMetadataElement
accessorNameRef="retentionPolicy"      isMandatory="false"
isRepeatable="false"      isAlwaysDisplayed="true"/>
  <LEVELS:LevelMetadataElement
accessorNameRef="retentionPeriodBaseYear"      isMandatory="false"
isRepeatable="false"      isAlwaysDisplayed="true"/>
  <LEVELS:LevelMetadataElement
accessorNameRef="archivalHistory"      isMandatory="false"
isRepeatable="false"      isAlwaysDisplayed="true"/>
```

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        <LEVELS:LevelMetadataElement
accessorNameRef="scopeContent"
isMandatory="false"      isRepeatable="false"      isAlwaysDisplayed="true"/>
        <LEVELS:LevelMetadataElement
isMandatory="false"      isRepeatable="false"      isAlwaysDisplayed="true"/>
        <LEVELS:LevelMetadataElement
isMandatory="false"      isRepeatable="false"      isAlwaysDisplayed="true"/>
        <LEVELS:LevelMetadataElement
accessorNameRef="institution"      isMandatory="false"
isRepeatable="false"      isAlwaysDisplayed="true"/>
        <LEVELS:LevelMetadataElement
isMandatory="false"      isRepeatable="false"      accessorNameRef="familyName"
isAlwaysDisplayed="true"/>
        <LEVELS:LevelMetadataElement
isMandatory="false"      isRepeatable="false"      accessorNameRef="function"
isAlwaysDisplayed="true"/>
        <LEVELS:LevelMetadataElement
isMandatory="false"      isRepeatable="false"      accessorNameRef="objectType"
isAlwaysDisplayed="true"/>
        <LEVELS:LevelMetadataElement
isMandatory="false"      isRepeatable="false"      accessorNameRef="geogName"
isAlwaysDisplayed="true"/>
        <LEVELS:LevelMetadataElement
isMandatory="false"      isRepeatable="false"      accessorNameRef="keyword"
isAlwaysDisplayed="true"/>
        <LEVELS:LevelMetadataElement
isMandatory="false"      isRepeatable="true"      accessorNameRef="occupation"
isAlwaysDisplayed="true"/>
        <LEVELS:LevelMetadataElement
isMandatory="false"      isRepeatable="false"      accessorNameRef="creator"
isAlwaysDisplayed="true"/>
        <LEVELS:LevelMetadataElement
accessorNameRef="subjectGeneral"      isMandatory="false"
isRepeatable="false"      isAlwaysDisplayed="true"/>
        <LEVELS:LevelMetadataElement
isMandatory="false"      isRepeatable="false"      accessorNameRef="language"
isAlwaysDisplayed="true"/>
        <LEVELS:LevelMetadataElement
accessorNameRef="originationAgency"
isMandatory="false"      isRepeatable="false"      isAlwaysDisplayed="true"/>
        <LEVELS:LevelMetadataElement
isMandatory="true"      isRepeatable="false"      accessorNameRef="sourceType"
isAlwaysDisplayed="true"
isReadOnly="true"/>
    </LEVELS:Level>
    <LEVELS:Level nameID="Restitution"
iconFileName="images/Restitution.png"
allowedSublevelNameRefs="Restitution">
        <LEVELS:LevelMetadataElement
accessorNameRef="accessRestrictionStatus"      isMandatory="false"
isRepeatable="false"      isAlwaysDisplayed="true"/>
        <LEVELS:LevelMetadataElement
accessorNameRef="accessRestrictionPeriodBaseYear"      isMandatory="false"
isRepeatable="false"      isAlwaysDisplayed="true"/>
        <LEVELS:LevelMetadataElement
accessorNameRef="appraisalAndDestruction"      isMandatory="false"
isRepeatable="false"      isAlwaysDisplayed="true"/>
        <LEVELS:LevelMetadataElement
accessorNameRef="retentionPolicy"      isMandatory="false"
isRepeatable="false"      isAlwaysDisplayed="true"/>

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```

    <LEVELS:LevelMetadataElement
accessorNameRef="retentionPeriodBaseYear"                isMandatory="false"
isRepeatable="false"    isAlwaysDisplayed="true"/>
    <LEVELS:LevelMetadataElement
accessorNameRef="archivalHistory"                isMandatory="false"
isRepeatable="false"    isAlwaysDisplayed="true"/>
    <LEVELS:LevelMetadataElement
accessorNameRef="scopeContent"
isMandatory="false"    isRepeatable="false"    isAlwaysDisplayed="true"/>
    <LEVELS:LevelMetadataElement
accessorNameRef="from"
isMandatory="false"    isRepeatable="false"    isAlwaysDisplayed="true"/>
    <LEVELS:LevelMetadataElement
accessorNameRef="to"
isMandatory="false"    isRepeatable="false"    isAlwaysDisplayed="true"/>
    <LEVELS:LevelMetadataElement
accessorNameRef="institution"                isMandatory="false"
isRepeatable="false"    isAlwaysDisplayed="true"/>
    <LEVELS:LevelMetadataElement
accessorNameRef="familyName"
isMandatory="false"    isRepeatable="false"    isAlwaysDisplayed="true"/>
    <LEVELS:LevelMetadataElement
accessorNameRef="function"
isMandatory="false"    isRepeatable="false"    isAlwaysDisplayed="true"/>
    <LEVELS:LevelMetadataElement
accessorNameRef="objectType"
isMandatory="false"    isRepeatable="false"    isAlwaysDisplayed="true"/>
    <LEVELS:LevelMetadataElement
accessorNameRef="geogName"
isMandatory="false"    isRepeatable="false"    isAlwaysDisplayed="true"/>
    <LEVELS:LevelMetadataElement
accessorNameRef="keyword"
isMandatory="false"    isRepeatable="true"    isAlwaysDisplayed="true"/>
    <LEVELS:LevelMetadataElement
accessorNameRef="occupation"
isMandatory="false"    isRepeatable="false"    isAlwaysDisplayed="true"/>
    <LEVELS:LevelMetadataElement
accessorNameRef="creator"
isMandatory="false"    isRepeatable="false"    isAlwaysDisplayed="true"/>
    <LEVELS:LevelMetadataElement
accessorNameRef="subjectGeneral"                isMandatory="false"
isRepeatable="false"    isAlwaysDisplayed="true"/>
    <LEVELS:LevelMetadataElement
accessorNameRef="language"
isMandatory="false"    isRepeatable="false"    isAlwaysDisplayed="true"/>
    <LEVELS:LevelMetadataElement
accessorNameRef="originationAgency"
isMandatory="false"    isRepeatable="false"    isAlwaysDisplayed="true"/>
    <LEVELS:LevelMetadataElement
accessorNameRef="sourceType"
isMandatory="true"    isRepeatable="false"    isAlwaysDisplayed="true"
isReadOnly="true"/>
    </LEVELS:Level>
</LEVELS:Levels>

</LEVELS:Config>

```

Dans la première section du levels.xml (<LEVELS:MetadataElements>) sont définis tous les Metadata-Element disponibles.

Dans la deuxième section du levels.xml (<LEVELS:Levels>) sont défini les attributions niveaux de description aux Metadata-Element.

Metadata-Element

Un Metadata-Element est défini par les cinq attributs suivants:

Nom	Contenu (Exemple)	Explication	Obligatoire/optionnel
accessorNameId	accessNr	Nom unique du champ de métadonnées. Celui-ci doit être défini parmi éléments du répertoire , par lequel dans packer les données seront manipulées. En cas de nécessité pour la configuration i18n (internationalisation) un champ de métadonnée peut se voir attribuer un nom individuel	Obligatoire
defaultExpression	<code>new java.text.SimpleDateFormat("yyyy-MM-dd").format(new java.util.Date())</code> ou <code>((ch.docuteam.darc.mets.structmap.NodeAbstract)object1).getMimeType()</code>	Une expression java pour initialiser le contenu initial de ce champ. Dans ce contexte, le noeud actuel y est référencé par l'expression: <code>(ch.docuteam.darc.mets.structmap.NodeAbstract)object1</code>	Optionel
validatorClassName	ch.docuteam.darc.mdconfig.MetadataElementValidatorDate	Une classe java qui valide le contenu de ce Metadata-Element au moment de son assignation. Au cas où la validation échoue, un message d'erreur est affiché et le champ revient à la dernière valeur.	Optionel
postActionClassName	ch.docuteam.darc.mdconfig.MetadataElementSetterPostActionSysOut	Une classe java qui exécute une suite d'actions décrites après que la valeur du champ ait été assignée. Ces actions ne sont pas exécutées dans le cas où la validation a échoué.	Optionel
allowedValues	*;Deutsch;English;Français;Italiano ou file:///config/skos/SKOS_R_gles_de_dur_e_d_utilit_administrative_2018-06-07_11_21_18.rdf	List des valeurs affichées par packer sous la forme d'un menu déroulant. Si la liste commence par un astérisque *, des éléments additionnels sont autorisés. La liste des valeurs peut également être prédéfinie dans un fichier respectant le schéma SKOS ou „Simple Knowledge Organization System“. Le chemin relatif vers ce fichier .RDF doit, dans ce cas, être fourni.	Optionel

Un exemple:

```
<LEVELS:MetadataElement      accessorNameID="retentionPolicy"
                        defaultExpression=" 'Confidential' "
allowedValues="OpenAccess;EmbargoPeriod30Years;EmbargoPeriod50Years;Confidential"/>
```

Avec l'élément <LEVELS:AllowedValuesSeparator>, il est possible de définir le séparateur de la liste des allowedValues. Celui-ci peut également contenir plusieurs caractères. Comme par exemple:

```
<LEVELS:MetadataElements>
  <LEVELS:AllowedValuesSeparator>:;</LEVELS:AllowedValuesSeparator>

  <LEVELS:MetadataElement accessorNameID="language"
allowedValues="*::Deutsch::English::Français::Italiano"/>
```

Niveau de description

Un niveau de description est défini par les trois attributs suivants:

Nom	Contenu (Exemple)	Explications	Obligatoire/Optionnel
nameID	Fonds	Le nom unique de ce niveau de description	Obligatoire
iconFileName	resources/images/LevelSerie.png	Le chemin du fichier image désignant l'icône utilisé pour ce niveau. Si ce fichier n'existe pas, un icône du type panneau d'alerte jaune est affiché.	Obligatoire

Nom	Contenu (Exemple)	Explications	Obligatoire/Optionnel
allowedSublevelNameRefs	Subfonds Series RecordGrp File Item Restitution Trash	La liste des niveaux de description autorisés dans les sous-éléments. Les éléments de cette liste doivent être défini dans le contexte de ce fichier <code>levels.xml</code> (en tant que <code>nameID</code>) et doivent être séparés par un caractère espace . Le premier élément de cette liste sert à définir le niveau par défaut du sous-élément.	Obligatoire

Un exemple:

```
<LEVELS:Level nameID="Archive"
iconFileName="resources/images/LevelSerie.png"
    allowedSublevelNameRefs="Section Fonds Indéfini">
```

L'attribution des Metadata-Element à un niveau de description est défini par une liste d'éléments `<LEVELS:LevelMetadataElement>`. Ces éléments contiennent les 7 attributs suivant:

Nom	Contenu (Exemple)	Explications	Obligatoire/Optionnel
accessorNameRef	language	Le accessorNameID du Metadata-Element; référence un accessorNameID pris dans la liste des <code><LEVELS:MetadataElements></code> (voir ci-dessus)	*
isMandatory	true	Si <code>true</code> , ce metadata-element est obligatoire. Les éléments obligatoires sont toujours affichés dans la liste des métadonnées. Si un élément obligatoire est absent, le dossier est marqué d'un point d'exclamation.	*

Nom	Contenu (Exemple)	Explications	Obligatoire/Optionnel
isRepeatable	false	Si <code>true</code> , ce metadata-element peut être répété en plusieurs occurrences dans la liste des métadonnées. Il est dès lors possible d'en ajouter ou d'en retirer manuellement dans packer.	*
isAlwaysDisplayed	true	Si <code>true</code> , cet metadata-element est toujours affiché dans la liste des métadonnées.	
isReadOnly	false	Si <code>true</code> , cet metadata-element ne peut pas être modifié . Une valeur par défaut („defaultExpression“) permet d'initialiser cet élément.	
keepInTemplate	false	Si <code>true</code> , lors de la création d'un modèle de SIP, la valeur de ce metadata-element est conservée (n'est pas supprimée).	
displayRows	5	Indique le nombre de lignes affichées par défaut dans le tableau de la liste des éléments.	

Un exemple:

```
<LEVELS:LevelMetadataElement accessorNameRef="PID"      isMandatory="false"
                             isRepeatable="false"
                             isAlwaysDisplayed="true"
                             isReadOnly="true"/>
```

Référence des métadonnées descriptives en tant que Encoded Archival Description (EAD)

Toutes les métadonnées descriptives sont conservées dans le fichier `mets.xml` selon le EAD-Schema. Les EAD-Elements utilisés sont listés dans le tableau suivant :

[Download MetadataToXPathMapping_2.18.13.xlsx](#)

AccessorNameID	Xpath relative to a <c> or <archdesc> element	is dynamic	ISAD(G)
abstract	EAD:did/EAD:abstract	yes	
accessionNumber	EAD:did/EAD:unitid[@type = 'accession']	yes	
accessNr	EAD:acqinfo/EAD:p	yes	3.2.4
accessPolicy	EAD:accessrestrict[@type = 'accessPolicy']/EAD:p	yes	
accessRestriction	EAD:accessrestrict[@type = 'restrictions']/EAD:p	yes	3.4.1
accessRestrictionClassification	EAD:accessrestrict[@type = 'accessRestrictionsClassification']/EAD:p	yes	
accessRestrictionClosureYear	EAD:accessrestrict[@type = 'accessRestrictionsClosureYear']/EAD:p	yes	
accessRestrictionExplanation	EAD:accessrestrict[@type = 'accessRestrictionsExplanation']/EAD:p	yes	
accessRestrictionIsMetadataPublic	EAD:accessrestrict[@type = 'accessRestrictionsIsMetadataPublic']/EAD:p	yes	

AccessorNameID	Xpath relative to a <c> or <archdesc> element	is dynamic	ISAD(G)
accessRestrictionIsPublic	EAD:accessrestrict[@type = 'accessRestrictionsIsPublic']/EAD:p	yes	
accessRestrictionPeriod	EAD:accessrestrict[@type = 'accessRestrictionsPeriod']/EAD:p	yes	
accessRestrictionPeriodBaseYear	EAD:accessrestrict[@type = 'accessRestrictionsPeriodBaseYear']/EAD:p	yes	
accessRestrictionPrivacy	EAD:accessrestrict[@type = 'accessRestrictionsPrivacy']/EAD:p	yes	
accessRestrictionStatus	EAD:accessrestrict[@type = 'accessRestrictionsStatus']/EAD:p	yes	
accessRestrictionStatusExplanation	EAD:accessrestrict[@type = 'accessRestrictionsStatusExplanation']/EAD:p	yes	
accruals	EAD:accruals/EAD:p	yes	3.3.3
appraisalAndDestruction	EAD:appraisal/EAD:p	yes	3.3.2
appraisalDateDisposed	EAD:appraisal/EAD:note[@type = 'dateDisposed']/EAD:p	yes	
appraisalIsOnHold	EAD:appraisal/EAD:note[@type = 'isOnHold']/EAD:p	yes	
appraisalRetentionPeriod	EAD:appraisal/EAD:note[@type = 'retentionPeriod']/EAD:p	yes	
archivalHistory	EAD:custodhist/EAD:p	yes	3.2.3
arrangement	EAD:arrangement/EAD:p	yes	3.3.4
author	EAD:controlaccess/EAD:persname[@role = 'author']	yes	
bibliography	EAD:bibliography/EAD:p	yes	3.5.4
biographicalHistory	EAD:bioghist/EAD:p	yes	3.2.2
cartographicMaterial	EAD:did/EAD:materialsdesc[@label = 'cartographic']	yes	
characteristics	EAD:phystech/EAD:p	yes	3.4.4
characteristicsNote	EAD:phystech/EAD:note/EAD:p	yes	
codeLocation	EAD:did/EAD:physloc[@label = 'code']	yes	
comment	EAD:note/EAD:p	yes	3.6.1
compartment	EAD:controlaccess/EAD:name[@role = 'compartment']	yes	
conditionsOfReproductions	EAD:userrestrict/EAD:p	yes	3.4.2
creationPeriod	EAD:did/EAD:unitdate[@label = 'creationPeriod']	yes	
creationPeriodNotes	EAD:did/EAD:unitdate[@label = 'creationPeriodNotes']	yes	
creator	EAD:controlaccess/EAD:persname[@role = 'creator']	yes	
date	EAD:did/EAD:unitdate[@label = 'date']	yes	
dateOfBirth	EAD:bioghist/EAD:note[@type = 'dateBirth']/EAD:p	yes	
deathOfAuthor	EAD:bioghist/EAD:note[not(@type)]/EAD:p/EAD:date[@type = 'deathAuthor']	yes	
descriptionLevel	EAD:processinfo[@type = 'level']/EAD:p	yes	
descriptionLevelNotes	EAD:processinfo[@type = 'levelNotes']/EAD:p	yes	
descriptionRules	EAD:processinfo[@type = 'rules']/EAD:p	yes	3.7.2
digitization	EAD:processinfo[@type = 'digitization']/EAD:p	yes	
dimensions	EAD:did/EAD:physdesc/EAD:dimensions	yes	
DOI	EAD:did/EAD:unitid[@type = 'otherStandardIdentifier']	yes	
DoiJournal	EAD:odd[@type = 'doiJournal']/EAD:p	yes	
editionStatement	EAD:odd[@type = 'edition']/EAD:p	yes	
event	EAD:odd[@type = 'event']/EAD:p	yes	
extent	EAD:did/EAD:physdesc/EAD:extent[not(@type)]	yes	3.1.5
extentNote	EAD:did/EAD:physdesc/EAD:extent[@type = 'note']	yes	3.1.5
extentUnit	EAD:did/EAD:physdesc/EAD:extent[not(@type)]/@unit	yes	
familyName	EAD:controlaccess/EAD:famname[@role = 'general']	yes	
findingAids	EAD:otherfindaid/EAD:p	yes	3.4.5
firstname	EAD:bioghist/EAD:note[@type = 'firstName']/EAD:p	yes	
format	EAD:did/EAD:physdesc[@label = 'format']	yes	
from	EAD:did/EAD:unitdate[@label = 'from']	yes	3.1.3

AccessorNameID	Xpath relative to a <c> or <archdesc> element	is dynamic	ISAD(G)
fromYear	EAD:did/EAD:unitdate[@label = 'fromYear']	yes	3.1.3
fullLocation	EAD:did/EAD:physloc[@label = 'fullLocation']	yes	
function	EAD:controlaccess/EAD:function[@role = 'general']	yes	
fundingSource	EAD:controlaccess/EAD:name[@role = 'fundingSource']	yes	
geogName	EAD:controlaccess/EAD:geogname[@role = 'general']	yes	
institute	EAD:controlaccess/EAD:name[@role = 'institute']	yes	
institution	EAD:controlaccess/EAD:corpname[not(@role)]	yes	
institutionCreator	EAD:controlaccess/EAD:corpname[@role = 'creator']	yes	
institutionInvolved	EAD:controlaccess/EAD:corpname[@role = 'involved']	yes	
involved	EAD:controlaccess/EAD:persname[@role = 'involved']	yes	
ISBN	EAD:did/EAD:unitid[@type = 'isbn']	yes	
ISSN	EAD:did/EAD:unitid[@type = 'issn']	yes	
journal	EAD:controlaccess/EAD:name[@role = 'journal']	yes	
keyword	EAD:controlaccess/EAD:name[@role = 'keyword']	yes	
language	EAD:did/EAD:langmaterial/EAD:language	yes	3.4.3
languageNotes	EAD:did/EAD:langmaterial/@label	yes	
lastname	EAD:bioghist/EAD:note[@type = 'lastName']/EAD:p	yes	
location	EAD:controlaccess/EAD:name[@role = 'location']	yes	
locationOfOriginals	EAD:originalsloc/EAD:p	yes	3.5.1
material	EAD:did/EAD:physdesc/EAD:physfacet	yes	3.1.5
method	EAD:controlaccess/EAD:name[@role = 'method']	yes	
modeOfAcquisition	EAD:custodhist/EAD:acqinfo/EAD:p	yes	
nationality	EAD:bioghist/EAD:note[@type = 'nationality']/EAD:p	yes	
objectType	EAD:controlaccess/EAD:genreform	yes	
occupation	EAD:controlaccess/EAD:occupation[@role = 'general']	yes	
origination	EAD:did/EAD:origination	yes	3.2.1
originationAgency	EAD:did/EAD:origination[@label = 'agency']	yes	
originationDepartment	EAD:did/EAD:origination[@label = 'department']	yes	
otherLevelName	[@level = 'otherlevel']/@otherlevel	no	3.1.4
PID	EAD:dao[@xlink:role = 'simple']/@xlink:href	yes	
placeOfPublication	EAD:controlaccess/EAD:name[@role = 'placeOfPublication']	yes	
processInfoArchivist	EAD:processinfo[@type = 'archivist']/EAD:p	yes	
processInfoDate	EAD:processinfo[@type = 'date']/EAD:p	yes	
project	EAD:odd[@type = 'project']/EAD:p	yes	
projectAbbreviation	EAD:odd[@type = 'projectAbbreviation']/EAD:p	yes	
projectName	EAD:odd[@type = 'projectName']/EAD:p	yes	
projectTitle	EAD:odd[@type = 'projectTitle']/EAD:p	yes	
publisher	EAD:controlaccess/EAD:name[@role = 'publisher']	yes	
refCode	EAD:did/EAD:unitid[@type = 'refCode']	yes	3.1.1
refCodeAdmin	EAD:did/EAD:unitid[@type = 'refCodeAdmin']	yes	
refCodelsVisible	EAD:did/EAD:unitid[@type = 'isVisible']	yes	
refCodeOld	EAD:did/EAD:unitid[@type = 'refCodeOld']	yes	
refCodeSeparator	EAD:did/EAD:unitid[@type = 'separator']	yes	
relatedMaterial	EAD:relatedmaterial/EAD:p	yes	3.5.3
relationPeriod	EAD:did/EAD:unitdate[@label = 'relationPeriod']	yes	
reproductions	EAD:altformavail/EAD:p	yes	3.5.2
responsible	EAD:controlaccess/EAD:persname[@role = 'responsible']	yes	
retentionPeriod	EAD:accessrestrict[@type = 'retentionPeriod']/EAD:p	yes	
retentionPeriodBaseYear	EAD:accessrestrict[@type = 'baseYear']/EAD:p	yes	
retentionPolicy	EAD:accessrestrict[@type = 'retentionPolicy']/EAD:p	yes	
revisions	EAD:processinfo[@type = 'revisions']/EAD:p	yes	
scopeContent	EAD:scopecontent/EAD:p	yes	3.3.1

AccessorNameID	Xpath relative to a <c> or <archdesc> element	is dynamic	ISAD(G)
sex	EAD:bioghist/EAD:note[@type = 'sex']/EAD:p	yes	
size	EAD:did/EAD:physdesc[@label = 'size']	yes	
sourceType	EAD:custodhist/EAD:note/EAD:p	yes	
staff	EAD:controlaccess/EAD:persname[@role = 'staff']	yes	
status	EAD:controlaccess/EAD:name[@role = 'status']	yes	
subject	EAD:controlaccess/EAD:subject[not(@role)]	yes	
subjectGeneral	EAD:controlaccess/EAD:subject[@role = 'general']	yes	
submitStatus	EAD:controlaccess/EAD:name[@role = 'submitStatus']	no	
to	EAD:did/EAD:unitdate[@label = 'to']	yes	3.1.3
toYear	EAD:did/EAD:unitdate[@label = 'toYear']	yes	3.1.3
uniformTitle	EAD:controlaccess/EAD:title[@type = 'uniform']	yes	
unitTitle	EAD:did/EAD:unittitle[@label = 'main']	no	3.1.2
unitTitleAdditional	EAD:did/EAD:unittitle[@label = 'additional']	yes	
unitTitleOriginal	EAD:did/EAD:unittitle[@label = 'original']	yes	3.1.2
unitTitleVarying	EAD:did/EAD:unittitle[@label = 'varying']	yes	
university	EAD:controlaccess/EAD:name[@role = 'university']	yes	
usage	EAD:odd[@type = 'usage']/EAD:p	yes	
usagePermission	EAD:accessrestrict[@type = 'usagePermission']/EAD:p	yes	
usagePermissionExpiringDate	EAD:accessrestrict[@type = 'usagePermissionExpiringDate']/EAD:p	yes	
year	EAD:did/EAD:unitdate[@label = 'year']	yes	

config/fileNameNormalizer.properties

Exemple

Paramètres de configuration de la fonction de normalisation des noms des fichiers sélectionnés.

```
prefix=monPrefix
suffix=monSuffix
maxLength=40
fileNameRegex=[a-zA-Z0-9.\-\_\/+@_]*$
```

Explications

Variable	Valeur (Exemple)	Explication	Si vide ou non-identifié
prefix	monPrefix	La valeur est ajoutée au début du nom de fichier au moment de la normalisation.	Si pas de valeur pour cette variable, aucun préfix n'est ajouté.
suffix	monSuffix	La valeur est ajoutée à la fin du nom de fichier au moment de la normalisation.	Si pas de valeur pour cette variable, aucun suffix n'est ajouté.

Variable	Valeur (Exemple)	Explication	Si vide ou non-identifié
maxLength	40	La longueur de la chaîne du nom de fichier est coupée au nombre de caractères correspondant. Y compris préfixe et suffixe configurés	Si pas de valeur pour cette variable, aucun suffix n'est ajouté.
fileNameRegex	<code>[a-zA-Z0-9.\ \-\\/+@_]*\$</code>	Schéma de validation (regex) utilisé pour déterminer si tous les caractères composant le nom de fichier sont autorisés.	Le schéma de validation est nécessaire au bon fonctionnement de packer.

config/charConversionMap.properties

Structuré comme un fichier de propriétés JAVA, il met en relation sous la forme de key-value store un caractère source identifié dans les noms de fichiers avec son équivalent cible qui est destiné à le remplacer.

Exemple

Le caractère source (ex. ç) peut être indiqué dans le fichier de configuration soit en tant que tel ç, soit par l'expression de son code UTF-8 dans le contexte JAVA `\u00E7`. Pour plus d'information sur cet exemple, consulter [ç dans graphemica](#).

Extrait du fichier .properties

```

ü=ue
ä=ae
ö=oe
Æ=AE
ç=c
\u0152=OE
# whitespace as Unicode: \u0020
\u0020=_
# ( as Unicode, must be escaped due to java.util.regex.Pattern
(https://docs.oracle.com/javase/8/docs/api/java/util/regex/Pattern.html)
\\u0028=_
# ) as Unicode, must be escaped due to java.util.regex.Pattern
\\u0029=_
# ' as Unicode
\u0027=_

```

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